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**SYSTEM AND METHOD FOR CREATING  
A DATA FILE FOR USE IN SEARCHING A DATABASE**

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**ABSTRACT**

10       An index file for use in search processing employing a  
search engine, retains information that indicates a  
correspondence of a keyword to its positional information.  
The index file comprises a key file that includes a list of  
pointers to character strings. The character strings are  
15       included in document files that are stored in a document  
database and to positional information, by document area  
where a character string in a document file appears and a  
POS file. The POS file includes a list of positional  
information containing information that specifies a document  
20       file where a character string exists and information that  
specifies a position of the character string in a document  
file regarding the character strings in the key file.